

#5A Pre Amdt.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hermann DIEHL, et al

Serial No.: 09/807,158

Group No.:

Filed: April 9, 2001

Examiner.:

For: COMBINED EARTH/STAR SENSOR SYSTEM AND METHOD FOR
DETERMINING THE ORBIT AND POSITION OF SPACECRAFT

Attorney Docket No.: U 013268-7

Box PCT

Assistant Commissioner for Patents

Washington, D.C. 20231

ATTENTION: EO/US

Sirs:

PRELIMINARY AMENDMENT

Please amend the above application as follows.

IN THE CLAIMS

4. (amended) The sensor system according to claim 1, characterised in that the aperture for the light from the earth is considerably smaller than the aperture for the starlight.

7. (amended) The method according to claim 5, further characterised by model-based tracking of the rim of the earth.

CERTIFICATE UNDER 37 CFR 1.10

I hereby certify that this paper is being deposited with the United States Postal Service on this date May 15, 2001 in an envelope as "EXPRESS MAIL POST OFFICE TO ADDRESSEE" Mailing Label Number EL728212905 US addressed to the: Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231

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